## ABSTRACT OF THE DISCLOSURE

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Phosphor compositions having the formulas ( $Tb_{1-x-y-z-w}Y_xGd_yLu_zCe_w$ ) $_3M_rAl_{s-r}O_{12+\delta}$ , where M is selected from Sc, In, Ga, Zn, or Mg, and where  $0 < w \le 0.3$ ,  $0 \le x < 1$ ,  $0 \le y \le 0.4$ ,  $0 \le z < 1$ ,  $0 \le r \le 4.5$ ,  $4.5 \le s \le 6$ , and  $-1.5 \le \delta \le 1.5$ ; ( $RE_{1-x}Sc_xCe_y$ ) $_2A_{3-p}B_pSi_{z-q}Ge_qO_{12+\delta}$ , where RE is selected from a lanthanide ion or  $Y^{3+}$ , A is selected from Mg, Ca, Sr, or Ba, B is selected from Mg and Zn, and where  $0 \le p \le 3$ ,  $0 \le q \le 3$ ,  $2.5 \le z \le 3.5$ ,  $0 \le x < 1$ ,  $0 < y \le 0.3$ ,  $-1.5 \le \delta \le 1.5$ ; and ( $Ca_{1-x-y-z}Sr_xBa_yCe_z$ ) $_3(Sc_{1-a-b}Lu_aD_c)_2Si_{n-w}Ge_wO_{12+\delta}$ , where D is either Mg or Zn,  $0 \le x < 1$ ,  $0 \le y < 1$ ,  $0 < z \le 0.3$ ,  $0 \le a \le 1$ ,  $0 \le c \le 1$ ,  $0 \le w \le 3$ ,  $2.5 \le n \le 3.5$ , and  $-1.5 \le \delta \le 1.5$ . Also disclosed are light emitting devices including a light source and at least one of the above phosphor compositions.